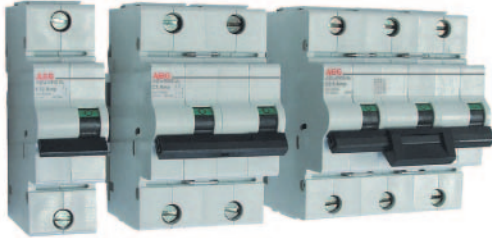


(80A - 125A)



STANDARDS / APPROVALS

- EN60947-2
- VDE
- CE

TECHNICAL DATA

- **80 Amp - 125 Amp** Rated (80-120 Amp Non-UL)
- **Short circuit capacity (10kA) IC**
- **35mm Din Rail** mounted
- **Screw torque** to 5 Nm.
- **Mechanical endurance** (10,000 operations)
- **Electrical endurance** (4,000 operations)
- **Current limiting design**
(Energy limit class 3)
- **Max. AC Volts** 277/480V
- **Max. DC Volts** (1P)48 VDC
(2P)110 VDC
- **Operating temperature**
From -25°C to +50°C according to IEC 60898
- **Thermal operating limit:** (1.13-1.45 x In)
- **Storage temperature**
From -55°C up to +55°C
according to IEC 88 part 2-1
- **Use at 400Hz**
At 400Hz the magnetic tripping current is
approximately 50% higher than at AC 50/60Hz

TECHNICAL PERFORMANCE

- 3 optional trip characteristics
 - B = 3-5x magnetic release
 - C = 5-10x magnetic release
 - D = 10-20x magnetic release

	Test current	Tripping time	Application
B	3 In 5 In	$t \geq 0.1s$ $t < 0.1s$	Only for resistive loads such as: - electrical heating - water heater - stoves
C	5 In 10 In	$t \geq 0.1s$ $t < 0.1s$	Usual loads such as: - lighting - socket outlets - small motors
D	10 In 20 In	$t > 0.1s$ $t < 0.1s$	Control and protection of circuits having important transient inrush currents (large motors)

DIMENSIONAL DATA

Dimensions Approx.. mm(inch)
E881S, E882S - 80A to 125A

